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Did you mean: (video or audio) and application and "operating system" and **integration** and email

[Horus: A flexible group communication system- psu.edu \(PDF\)](#)

R Van Renesse, KP Birman, S Maffei, 1996 - portal.acm.org

... To validate our approach, we ported a sophisticated Tcl/Tk **application** to Horus. ...

Tk extension that provides objects that read or output **audio** and **video** data ...

[Cited by 770](#) - [Related articles](#) - [BL Direct](#) - [All 36 versions](#)

[\[PDF\] Analyzing the multimedia **operating system**](#)

R Steinmetz - IEEE Multimedia Magazine, 1995 - dsl.unive.it

... et al., "SVR4Unix Scheduler Unacceptable for Multimedia **Applications**," Proc ... Network and **Operating System** Support for Digital **Audio** and **Video**, Springer-Verlag ...

[Cited by 125](#) - [Related articles](#) - [All 8 versions](#)

[\[PDF\] The Virtual School: An **integrated** collaborative environment for the classroom](#)

PL Isenhour, JM Carroll, DC Neale, MB ... - Educational Technology and Society, 2000 - Citeseer

... sharing in addition to **video** and **audio** conferencing ... As with **video** conferencing, students may select one or more ... seeing a live snapshot of the **application** window ...

[Cited by 49](#) - [Related articles](#) - [View as HTML](#) - [All 10 versions](#)

[\[PDF\] Dynamic QoS control of multimedia **applications** based on RTP](#)

I Busse, B Deffner, H Schulzrinne - Computer Communications, 1996 - Citeseer

... the synchronization of different media, for example, lip-syncing of **audio** and **video**. ...

For conferencing **application**, a bit more context is often desirable. ...

[Cited by 356](#) - [Related articles](#) - [View as HTML](#) - [All 18 versions](#)

[\[PDF\] **Integrated** quality of service for multimedia communications](#)

A Campbell, G Coulson, F Garcia, D ... - IEEE INFOCOM, 1993 - Citeseer

... also be configurable: eg unencoded **video** is highly ... to preserve the intelligibility of **audio** and voice ... QOS also involves distributed **application** platforms which ...

[Cited by 144](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 7 versions](#)

[Multimedia systems: An overview- fcu.edu \(PDF\)](#)

B Furiht - IEEE Multimedia, 1994 - doi.ieeecomputersociety.org

... 1. Storage requirements for a typical multimedia **application** with compressed ... new algorithms and data structures, **video** and **audio** compression algorithms ...

[Cited by 170](#) - [Related articles](#) - [All 9 versions](#)

[Montage: Providing teleproximity for distributed groups-](#) [usyd.edu.au](#) [PDF]

JC Tang, M Rua - Proceedings of the SIGCHI conference on Human ..., 1994 - portal.acm.org
... formed continuously on a running **audio** or **video** sequence. ... The in-band code usually is a single point of contact for desktop **video** conferencing, calendar ...
[Cited by 151](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

[The VuSystem: A programming system for visual processing of digital video-](#) [psu.edu](#) [PDF]

C Lindblad, D Weltherall, D Tennerhouse - Proceedings of the second ACM international ..., 1994 - portal.acm.org
... formed continuously on a running **audio** or **video** sequence. ... The in-band code usually is a small part of the overall **application** code, but consumes most of ...
[Cited by 69](#) - [Related articles](#) - [All 4 versions](#)

[A survey of application layer techniques for adaptive streaming of multimedia-](#) [psu.edu](#) [PDF]

B Vandalore, W Feng, R Jain, S Fahmy - Real-Time Imaging, 2001 - Elsevier
... We also discuss **operating system** methods to support adaptive ... A Transport Protocol for real-time **applications**. **audio-video** transport working group, Sept 1987. ...
[Cited by 58](#) - [Related articles](#) - [BL Direct](#) - [All 11 versions](#)

[PDF] [Streaming video over the internet: Approaches and directions](#)

D Wu, YT Hou, W Zhu, YQ Zhang, JM Peha - IEEE transactions on circuits and systems for video ..., 2001 - Citeseer
... and efficiency for streaming **video/audio** over the ... include network fil- tering, **application**-level multicast ... eg, transport protocols), an **operating system**, and a ...
[Cited by 471](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 42 versions](#)

[CITATION] [Operating System Principles-](#) [ihk.dk](#) [PDF]

A Silberschatz, PB Galvin, G Gagne, 2006 - Wiley India Pvt. Ltd.
[Cited by 2486](#) - [Related articles](#) - [All 40 versions](#)

[... multimedia jukebox \(IMJ\): A new paradigm for the on-demand delivery of audio/video-](#) [psu.edu](#) [PDF]

KC Almeroth, MH Ammar - Computer Networks and ISDN Systems, 1998 - Elsevier
... T. Liao, WebCanal: a multicast **Web application**. In: Proc. ... Workshop on Network and **Operating System** Support for Digital **Audio** and **Video** '97 (May 1997). ...
[Cited by 55](#) - [Related articles](#) - [All 13 versions](#)

[PDF] [Distributed extreme programming](#)

M Kircher, P Jain, A Corsaro, D Levine - Proceedings of XP2001, 2001 - Citeseer
... was not possible using the NetMeeting **application** sharing functionality. ... dial-up, hindered the use of **video** because of jitter introduced in **audio** along with ...
[Cited by 66](#) - [Related articles](#) - [View as HTML](#) - [All 26 versions](#)

[PS] [Lip synchronisation for use over the Internet: Analysis and implementation](#)

I Kouvélas, V Hardman, A Watson... - GLOBECOM-NEW YORK, 1996 - www.mice.cs.ucl.ac.uk
... bounded dispatch latency for **applications** [24, 25, 26 ... of lip synchronisation between **audio** and **video** ... A novel efficient architecture for **video** reconstruction was ...
[Cited by 74](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 7 versions](#)

[System and method providing a computer user interface enabling access to distributed ...](#)

J Tang, E Isaacs, T Morris, T Rodriguez, A ... - US Patent 5,793,365, 1998 - Google Patents
... 5,793,365 7 8 active **application** on the user's computer ... in the gallery window 10
through **audio** data captured ... a first predeter- such as **video**-conferencing, **email** ...

[Cited by 47](#) - [Related articles](#) - [All 2 versions](#)

[\[PDF\] - Dynamic power management for embedded systems](#)

B Brock, K Rajamani - Proceedings of the IEEE SOC Conference, 2003 - researchweb.watson.ibm.com
... of the processing requirements of each **video** frame (including **audio** decoding overhead),
and ... K. Langendoen, and H. Sips, "**Application**-directed voltage ...

[Cited by 56](#) - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

[An XML-based quality of service enabling language for the web- \[psu.edu\]\(#\) \[PDF\]](#)

X Gu, K Nahrstedt, W Yuan, D Wichadakul, D ... - Journal of Visual Languages and Computing, 2002 - Elsevier
... **Operating System** Support for Digital **Audio** and **Video** ... and admission control for MPEG
video, Proceedings of ... K. Fujikawa, S. Shimojo, 1995, **Application** level QoS ...

[Cited by 57](#) - [Related articles](#) - [BI Direct](#) - [All 13 versions](#)

[Organizational knowledge and the intranet- \[njit.edu\]\(#\) \[PDF\]](#)

JE Scott - Decision Support Systems, 1998 - Elsevier
... an 'Extranet' [45]), and industry wide **applications** [51]. ... knowledge by enabling systems
integration, access to ... asynchronous communication such as **email** and the ...

[Cited by 131](#) - [Related articles](#) - [All 8 versions](#)

[A continuous media **application** supporting dynamic QOS control on real-time Mach](#)

T Nakajima, H Tezuka - Proceedings of the second ACM international ..., 1994 - portal.acm.org
... frame rate for **video** and a sample rate for **audio**, a user ... are "In [4], several domains
of a **video** to which ... **system** codes which are optimal for the **application**. ...

[Cited by 44](#) - [Related articles](#) - [All 3 versions](#)

[Personal mobility for multimedia services in the Internet- \[psu.edu\]\(#\) \[PDF\]](#)

H Schulzrinne... - Lecture Notes in Computer Science, 1996 - Springer
... matter, and can range from **integrating** the location ... maximum use of the **email**
infrastructure for ... Each media entry lists the type (**audio**, **video**, **application**

[Cited by 40](#) - [Related articles](#) - [BI Direct](#) - [All 24 versions](#)

[Advances in interactive digital multimedia systems](#)

EA Fox... - IEEE Computer, 1991 - doi.ieeecomputersociety.org
... Compression methods Clearly, compression is essential if **audio**, images, and
video are to be used in digital multimedia **applications**. ...

[Cited by 154](#) - [Related articles](#) - [All 7 versions](#)

[QoS resource management for distributed multimedia **applications**^{^\(1\)- \[psu.edu\]\(#\) \[PDF\]}](#)

K Nahrstedt, H Chu, S Narayan - Journal of High Speed Networks, 1998 - IOS Press
... as **video**-conferencing require bounded end-to-end delay with a minimal jitter for
meaningful **audio** and **video** ... **Video**-on-Demand **applications** require minimal ...

[Cited by 164](#) - [Related articles](#) - [BI Direct](#) - [All 19 versions](#)

[PDF] - Web Services Architecture for M-Learning

SK Sharma, FL Kitchens - Electronic Journal on e-Learning Volume, 2004 - Citeseer

... common **Audio**-teleconference and **Video**-teleconference both ... tests and assignments More **audio** and visual ... and offering platform- and vendor-neutral **applications**. ...

Cited by 36 - Related articles - View as HTML - All 6 versions

Architecture, design, and development of an HTML/Javascript web-based group support ...

NC Romano Jr, JF Nunamaker Jr, RO Briggs, ... - Journal of the American Society for Information Science, 1998 - papers.ssrn.com

... that reside within a Web browser. Documents can also consist of graphics, **video**, and **audio**. ... In a client **application**, JavaScript statements em- ...

Cited by 43 - Related articles - BL Direct - All 6 versions

[PDF] - MobiHealth--innovative 2.5/3G mobile services and applications for healthcare

D Konstantas, V Jones, R Bults, R Herzog - Proceedings of the Eleventh Information Society ..., 2002 - Citeseer

... be equipped with a BAN, with **video** and **audio** ... the hospital along with visual and **audio** information ... constants measurement and even fitness **applications** are today ...

Cited by 49 - Related articles - View as HTML - All 7 versions

Operating system support for multimedia systems- psu.edu [PDF]

T Plagemann, V Goebel, P Halvorsen, O ... - Computer communications. 2000 - Elsevier

... give a more general characterization of multimedia **application** requirements ... out of three main parts: electronic whiteboards, **audio** system, and **video** system ...

Cited by 47 - Related articles - All 21 versions

[PDF] - SHASTRA - An Architecture for Development of Collaborative Applications

V Anupam, CL Bajaj - Int. J. Cooperative Inf. Syst., 1994 - Citeseer

... oriented towards structured 3D graphics, and is typically **application** specific ... of facilities for text, 2D and 3D graphics, **audio** and **video** communication has ...

Cited by 48 - Related articles - View as HTML - All 15 versions

Agile application-aware adaptation for mobility- psu.edu [PDF]

BD Noble, M Sathyanarayanan, D Narayanan, JE ... - ACM SIGOPS Operating Systems Review, 1997 - portal.acm.org

... with the philosophy of modern **operating system** designs such ... of mobile information access: a **video** player whose ... The third **application**, a speech recognizer, was ...

Cited by 747 - Related articles - BL Direct - All 48 versions

Live interdisciplinary teaching via the internet

TJ Filler, J Jerosch, ET Peuker - Computer methods and programs in biomedicine, 2000 - Elsevier

... a PC (Pentium IITM 300 MHz, **operating system** Windows-NT ... capacities indispensable for **audio-video applications** on the ... Compared to **video** conference systems the ...

Cited by 12 - Related articles - All 6 versions

[CITATION] - Multimedia synchronization techniques: experiences based on different system structures

R Steinmetz, T Meyer - ACM SIGCOMM Computer Communication Review, 1992 - portal.acm.org

... ahead of **video** for about 120 msec, and **video** can be displayed ahead of **audio** for about ... in-time playback For synthetic-synch , the **application** defines an ...

Cited by 34 - Related articles - All 2 versions

[\[PDF\] Designing an on-demand multimedia service](#)

PV Rangan, HM Vin, S Ramanathan - IEEE Communications Magazine, 1992 - Citeseer

... use of analog transmission and storage of **video** and **audio** by employing ... hand, multimedia services that are indeed digital and **integrated** into distributed ...

[Cited by 401](#) - [Related articles](#) - [View as HTML](#) - [All 13 versions](#)

[\[PDF\] Advance resource reservation and its impact on reservation protocols](#)

W Reinhardt - Proceedings of Broadband Island, 1995 - Citeseer

... **Applications** were discussed for which advance resource reservation will be a ... on Network and **Operating System** Support for Digital **Audio** and **Video**, Durham, NH ...

[Cited by 41](#) - [Related articles](#) - [View as HTML](#) - [All 5 versions](#)

[\[PDF\] Integrating Access and Collaboration for Multimedia Applications](#)

G Teege, M Koch - Proceedings of International Conference on Multimedia ... - Citeseer

... An Introduction to HeIMAT: The Heidelberg Multimedia **Application** Toolkit, in P ... Network and **Operating System** Support for Digital **Audio** and **Video**, number 712 ...

[Cited by 12](#) - [Related articles](#) - [View as HTML](#) - [All 5 versions](#)

[The platforms enabling wireless sensor networks- psu.edu \[PDF\]](#)

J Hill, M Horton, R Kling, L Krishnamurthy, 2004 - portal.acm.org

... When attempting to process **video** or high-bandwidth **audio**, the Mica2 ... **operating system** support is required to meet the demands of more complex **applications**. ...

[Cited by 259](#) - [Related articles](#) - [BL Direct](#) - [All 23 versions](#)

[\[PDF\] A network interface unit to support continuous media](#)

G Blair, A Campbell, G Coulson, F Garcia, D ... - IEEE Journal on selected areas in Communications, 1993 - Citeseer

... The remaining two disks store **video** and **audio** data files ... **Applications** view the functionality offered by the MNI unit as a well defined set of services ...

[Cited by 32](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 7 versions](#)

[A hierarchical CPU scheduler for multimedia operating systems- psu.edu \[PDF\]](#)

P Goyal, X Guo, HM Vin - usenix.org

... SVR4UNIX Scheduler Unacceptable for Multimedia **Applications**. ... Workshop on Network and **Operating System** Support for Digital **Audio** and **Video**, pages 41-53 ...

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[Where were we: making and using near-synchronous, pre-narrative **video**](#)

SL Minneman, SR Harrison - Proceedings of the first ACM international conference ..., 1993 - portal.acm.org

... by special purpose hardware; a library of **application** functions and ... of this hardware and coordinate **video** with existing workstation **audio** facilities. ...

[Cited by 41](#) - [Related articles](#) - [All 3 versions](#)

[CyberCAD: a collaborative approach in 3D-CAD technology in a multimedia-supported ...](#)

FEH Tay, A Roy - Computers in Industry, 2003 - Elsevier

... publication of standards for **video** and **audio** delivery ... workflow to maintain other CAD **applications** in this ... communicate with one another through voice and **video**. ...

[Cited by 35](#) - [Related articles](#) - [All 4 versions](#)

[Dynamic configuration of conferencing applications using pattern-matching multicast-](#) [psu.edu](#) (PDF)

H Schulzrinne - ... systems support for digital **audio** and **video**: 5th ..., 1995 - books.google.com

... V. Jacobson, "RTP: A transport protocol for real-time **applications**." Internet draft ... and encodings for the use of RTP for **audio** and **video** conferences with ...

[Cited by 36](#) - [Related articles](#) - [BL Direct](#) - [All 12 versions](#)

[\[PDF\] -Evaluating on-line learning platforms: a case study](#)

F Colace, M De Santo, M Vento - Proc. 36th Hawaii International Conference on System ... - Citeseer

... work independently of the computer and the **operating system** on which ... tend to use Microsoft NetMeeting **application** as for managing live **audio/video** stream. ...

[Cited by 24](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

[Adapting distributed applications using extensible networks-](#) [psu.edu](#) (PDF)

S Thibault, J Marant, G Muller - ... NATIONAL DE RECHERCHE EN INFORMATIQUE ET ..., 1998 - doi.ieeecomputersociety.org

... An active service framework and its **application** to real ... safety and performance in the SPIN **operating system**. ... A distributed real-time MPEG **video audio** player. ...

[Cited by 31](#) - [Related articles](#) - [BL Direct](#) - [All 23 versions](#)

[\[PDF\] -An integrated home server for communication, broadcast reception, and home automation](#)

I Han, H Park, Y Jeong, K Park - IEEE Transactions on Consumer Electronics, 2006 - cs.gmu.edu

... For the **application** of home automation system, this home server has **audio** coder/decoder (CODEC) of G ... And G.723.1 **audio** CODEC chip and H.263 **video** CODEC chip ...

[Cited by 24](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 5 versions](#)

[\[PDF\] -Closing the gap in distance learning: Computer-supported, participative, media-rich ...](#)

J Schnepf, V Mashayekhi, J Riedel, D Du - Education Technology Review, 1994 - Citeseer

... the realtime capabilities necessary for the support of live **audio** and **video** as well ... a set of generic tools that will be used by this **application** and others ...

[Cited by 20](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

[\[PDF\] -Active disks for large-scale data processing](#)

E Riedel, C Faloutsos, GA Gibson, D Nagle - Computer, 2001 - Citeseer

... an image, text fragment, or **audio** segment ... demand **applications** collect sensor data from **video** cameras, microphones ... in many classes of data mining **applications**. ...

[Cited by 103](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 17 versions](#)

[Controlling the process with distributed multimedia](#)

A Guha, A Pavan, JCL Liu, BA Roberts - IEEE MultiMedia Magazine, 1995 - csdl.computer.org

... **Video**-source object at sensor Close **Audio** object at ... Since practical **applications** like process monitoring will ... the client cannot display a **video** frame until ...

[Cited by 27](#) - [Related articles](#) - [All 5 versions](#)

[Industrial strength hypermedia: requirements for a large engineering enterprise-](#) [indiana.edu](#) (PDF)

KC Malcolm, SE Pollock, D Schuler - Proceedings of the third annual ACM conference on ..., 1991 - portal.acm.org

... platforms, **applications**, and data sources. ... **video**, recorded **audio** segments, computer-based animations, computer-generated speech and music ...

[Cited by 159](#) - [Related articles](#) - [All 4 versions](#)

[A collaborative wearable system with remote sensing-](#) [uoregon.edu](#) [PS]

M Bauer, T Heiber, G Kortuem, Z Segall - Proceedings of International Symposium on Wearable ..., 1998 - doi.ieeecomputersociety.org

... a central LAN server; (2) a shared **video** viewer which ... without effecting the **application**. ...

For example, MacIntyre [16] describes an **audio**-based augmented-reality ...

[Cited by 59](#) - [Related articles](#) - [All 11 versions](#)

[Interactive television systems](#)

B Furht - Proceedings of the 1996 ACM symposium on Applied ..., 1996 - portal.acm.org

... running a small real-time **operating system**, system memory ... unit consists of a **video/audio** codec, while ... Partitioning an **application** between the TVComputer and the ...

[Cited by 103](#) - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)

[Integrated request-response system and method generating responses to request objects ...](#)

G Kremen, KS Kunzelman, PT Ong, SM Fraize ... - US Patent 5,706,434, 1998 - Google Patents

... 5,706,434 3 4 client **applications** which communicate using ... may be an image, **audio**, **video**, text, or a ... dependent upon properties having the UNIX **operating system**. ...

[Cited by 52](#) - [Related articles](#) - [All 2 versions](#)

[Implementation and evaluation of a multimedia file system-](#) [psu.edu](#) [PDF]

TN Niranjan, T Chiueh, GA Schloss - Proceedings of ICMCS'97, Ottawa, Canada, 1997 - doi.ieeecomputersociety.org

... UFS. The **application** forked two child processes, one playing an **audio** strand while the other played a **video** strand. Only ...

[Cited by 27](#) - [Related articles](#) - [All 10 versions](#)

[\[PDF\] A network architecture for distributed multimedia systems](#)

JF Adam, HH Houh, M Ismert, DL ... - Proceedings of the International Conference on ..., 1994 - Citeseer

... a transputer which performs such tasks as **audio** mix- ing. ... the approach many have taken with **video** - that is ... packets and delivers them to the proper **application**. ...

[Cited by 40](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 6 versions](#)

[Situating information spaces and spatially aware palmtop computers](#)

GW Fitzmaurice, 1993 - portal.acm.org

... to handle all forms of data including text, graphics, **video**, and **audio**. ... Some **applications** of ubiquitous devices are active badges [14], which are small ...

[Cited by 316](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)

[\[PDF\] Adaptive mobile multimedia networks](#)

A Alwan, R Bagrodia, N Bambos, M Geria, L ... - IEEE personal communications, 1996 - comsoc.org

... As with **video** coding, the design of high ... efficiency considerations, the target **application** being telephonic ... We developed a speech and **audio** compression scheme ...

[Cited by 157](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 2 versions](#)

[\[CITATION\] Nomadic open multimedia platform for next-generation mobile devices](#)

A Artieri, VD Alto, R Chesson, M Hopkins, MC ... - STMicroelectronics Technical Article TA305, 2003

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[Media synchronization protocols for packet **audio-video** system on multimedia information ... - psu.edu \[PDF\]](#)
Y Shibata, N Seta, S Shimizu - Proceedings of the 28th Hawaii International ..., 1995 - doi.ieeecomputersociety.org
... processing load by running a number of "ice" **application** programs on X ... the result
of the time difference between the **video** and the **audio** segment on ...
[Cited by 14](#) - [Related articles](#) - [BL Direct](#) - [All 7 versions](#)

[Experience with adaptive mobile **applications** in Odyssey- 'psu.edu \[PDF\]](#)
BD Noble, M Satyanarayanan - Mobile Networks and **Applications**, 1999 - Springer
... However, we suspect that collab- orative **applications** that choose to make ... instance,
in a collaborative task that included **audio** and **video** conferencing and ...
[Cited by 127](#) - [Related articles](#) - [BL Direct](#) - [All 21 versions](#)

[\[PDF\] 'Adaptive middleware for mobile multimedia **applications**](#)
GS Blair, G Coulson, N Davies, P Robin, T ... - ... **Operating System** Support for Digital **Audio** and **Video** ..., 1997 -
Citeseer
... simplicity, we focus on the **video** binding. ... have also constructed an example **audio**
stream binding ... considered the requirements of mobile multimedia **applications**. ...
[Cited by 63](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

[Lessons learned from the design of a mobile multimedia system in the Moby Dick project- 'psu.edu \[PDF\]](#)
GJM Smit, PJM Havinga - Lecture Notes in Computer Science, 2000 - Springer
... reconfigurable modules such as network, **video** and **audio** devices, interconnected
by ... **operating system** architecture and **applications** architecture, where each ...
[Cited by 13](#) - [Related articles](#) - [BL Direct](#) - [All 15 versions](#)

[A low-cost internet-based telerobotic system for access to remote laboratories- 'insa-lyon.fr \[PDF\]](#)
S You, T Wang, R Eagleson, C Meng, Q ... - Artificial Intelligence in Engineering, 2001 - Elsevier
... beginning of the system's **application** and popularity ... interface, autonomous
multi-sensor **integration**, Internet-based ... also feeds the **video**, **audio**, and proximity ...
[Cited by 26](#) - [Related articles](#) - [All 4 versions](#)

[\[PDF\] 'Services, frameworks, and paradigms for distributed multimedia **applications**](#)
M Muhlhäuser, J Gecsei - IEEE multimedia, 1996 - Citeseer
... initially an extension of Apple's Macintosh **Operating System**, is centered ... display
application: **video** capture / transmission / display system ... **audio**, **video**). ...
[Cited by 25](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 8 versions](#)

[\[PDF\] 'OMAP: Enabling multimedia **applications** in third generation \(3G\) wireless terminals](#)
J Chaoui, K Cyr, JP Giacalone, S Gregorio, ... - Texas Instruments Technical White Paper SWPA001, 2000 - es2.be
... is well suited for control type code (**Operating System** (OS), User ... can process, in
real- time, a full videoconferencing **application** (**audio** and **video** at 15 ...
[Cited by 16](#) - [Related articles](#) - [View as HTML](#) - [All 22 versions](#)

[Distributed multimedia and QOS: A survey](#)
A Vogel, B Kerherve, G von Bochmann, J ... - IEEE Multimedia Magazine, 1995 - csdl.computer.org
... and **Operating system** Support for Digital **Audio** and **Video** ... Design and Implementation
of a **Video** Database System ... of QOS within distributed **application** platforms or ...
[Cited by 279](#) - [Related articles](#) - [All 5 versions](#)

[PDF] [State-of-the-art SIP for mobile **application** supernetworking](#)

D Howie, M Ylianttila, E Harjula, J Sauvola - Proceedings of Nordic Radio Symposium, 2004 - Citeseer
... to simultaneously send and receive **audio** streams in real ... An example might be a **video** conference on a ... as SIP will stimulate multimedia **application** development by ...
[Cited by 15](#) - [Related articles](#) - [View as HTML](#) - [All 5 versions](#)

[System support for **integrated** desktop **video** conferencing](#) - [psu.edu](#) [PDF]

A Pearl, 1992 - portal.acm.org
... **application**-specific data of these **applications** in a timecritical manner, just like **video** and **audio**. ... Interaction Over Computer and **Video** Networks," SIGCHI ...
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V Krishnamurthy, S Banerjee, A Nori - Proceedings of the 1999 ACM SIGMOD International ..., 1999 - portal.acm.org
... Oracle InterMedia extends Oracle8i reliability and availability to **applications** that need ... SQL access using native text, image, **audio**, and **video**, and other ...
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[Bibs: A lecture webcasting system](#)

LA Rowe, D Harley, P Pletcher, S Lawrence - UC Berkeley: Center for Studies in Higher Education. ..., 2001 - escholarship.org
... Figure 13 shows a remote participant's view of the seminar with multiple **video** streams, mixed **audio**, and shared **application** software that supported ...
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[High Quality Mobile Communication](#)

H Hartenstein, A Schrader, A Kassler, M ... - Kommunikation in Verteilten Systemen (KIVS): 12. ..., 2001 - books.google.com
... To support different service levels for group communication **audio** and **video** filtering is ... level (packet-based) as well as on **application** level (content ...
[Cited by 17](#) - [Related articles](#)

[PDF] [QoS-aware middleware for ubiquitous and heterogeneous environments](#)

K Nahstedt, D Xu, D Wichadakul, B Li - IEEE Communications Magazine, 2001 - Citeseer
... up and enforcing QoS in IP or ATM networks, in **operating system** (OS) kernels ... Internal translation **Audio/Video** streaming **applications** Performed by ...
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[Specification of multiparty **audio** and **video** interaction based on the reference model of open ...](#) - [psu.edu](#)

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V Gay, P Leydekkers, RH In't Veld - Computer Networks and ISDN systems, 1995 - Elsevier
... and computational model for Open Distributed Multimedia **applications**, 3rd Int ... Network and **Operating System** Support for Digital **Audio** and **Video**, November 1992 ...
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[VHD++ development framework: Towards extendible, component based VR/AR simulation ...](#)

[papagiannakis.org](#) (PDF)
M Ponder, G Papagiannakis, T Molel, N ... - Computer Graphics International (CGI), 2003 - doi.ieeecomputersociety.org
... scaled down cousins: interactive **video** games ... time frameworks supporting interactive

audio-video simulations ... role" by separating **application** abstraction level ...

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Document stream **operating system**

E Freeman, DH Gelernter - US Patent App. 11/607,099, 2006 - Google Patents

... each data unit and each of the data units may be textual data, **video** data, **audio** data and ... Thus, running an **application** is a variant of the new operation. ...

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[PDF] **Evaluating integrated electronic commerce systems**

DM Lincke - Electronic Markets, 1998 - electronicmarkets.org

... plication, however, communication takes place within chat rooms or through internet-based **video** or **audio** conferencing ... Data and **application** security Measures ...

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[PDF] **Quality of service management in distributed systems**

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... In order to support multimedia **applications**, operating systems must provide a degree of ... nature of continuous media data types such as **audio** and **video**. ...

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W Qadeer, TS Rosing, J Ankcom, V Krishnan, ... - Proc. Wksp. Power Aware Computer Systems (PACS), 2003 - Springer

... Clearly, for each **application** 802.11b spends more time in ... we tested with were the highest quality **audio**, and thus were larger relative to MPEG2 **video** file ...

[Cited by 22](#) - [Related articles](#) - [All 19 versions](#)

[PDF] **Middleware for multimedia mobile collaborative system**

X Su, BS Prabhu, CC Chu, R Gadh - Third annual wireless telecommunications symposium ... - Citeseer

... **Operating system: operating system** information includes the type and ... properly, so picture, **audio**, **video** and other ... content are sent to client-**application**. ...

[Cited by 16](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

Benefits and requirements for interoperability in the electronic marketplace

SY Choi, AB Whinston - Technology in society. 2000 - Elsevier

... products (eg VHS or Beta **video** players) critically ... For example, **audio** equipment manufacturers such as Sony are ... are Internet pricing and **application** of client ...

[Cited by 21](#) - [Related articles](#) - [BL Direct](#) - [All 2 versions](#)

[PDF] **Java-based multimedia collaboration and application sharing environment**

H Abdel-Wahab, O Kim, P Kabore, JP ... - the Colloque Francophone sur l'Ingenierie des ..., 1999 - Citeseer

... **application** sharing mechanisms are described in1]. ... person may join to one, since practically speaking, **audio** and **video** devices can only be used ...

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[\[PDF\] - Fundamental design issues for the future Internet](#)

S Shenker - IEEE Journal on Selected Areas in Communications, 1995 - Citeseer
... for real-time **applications**; yet the extreme elasticity of FAX and **email** would be able ... For instance, if one uses the same **audio** or **video** **application** for both ...
[Cited by 754](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 47 versions](#)

[QoS adaptation and flow filtering in ATM networks- *psu.edu \[PDF\]](#)

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... This is particularly important when considering dissemination and conferencing **applications**. ... **System Support for Digital and Audio and Video**, Lancaster, UK ...
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[Flow synchronization protocol- *ucl.ac.uk \[PS\]](#)

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... two destinations of the multicast **audio** flow being ... be monitoring only and its **video** flow may ... functions should be incorporated into these existing **application** ...
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[Making paths explicit in the Scout operating system- *psu.edu \[PDF\]](#)

D Mosberger, LL Peterson - ACM SIGOPS Operating Systems Review, 1996 - unix.org
... paths as an explicit abstraction in **operating system** design ... in a particular **application** domain—receiving ... decoding, and displaying MPEG-compressed **video**. ...
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[Abstractions for continuous-media programming](#)

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[A continuous media transport and orchestration service- *psu.edu \[PDF\]](#)

A Campbell, G Coulson, F Garcia, D ... - ACM SIGCOMM Computer Communication Review, 1992 - portal.acm.org
... to transfer continuous media such as digital **audio** and **video** across packet switched networks imposes a ... We then describe an **application** level service, known as ...
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[Operating system having external media layer, workflow layer, internal media layer, and ...](#)

CCM Beck, JM Berke, JA Johnstone, RM ... - US Patent 6,345,305, 2002 - Google Patents
... That is, data, including **audio** data, is prepared, sent ... fax, file share, file transfer, **video** calls, and ... that support virtually any planned **application** and media ...
[Cited by 12](#) - [Related articles](#) - [All 4 versions](#)

[Multimedia teletutoring over a trans-European ATM network- *psu.edu \[PDF\]](#)

YH Pusztaszner, M Alou, EW Biersack, P ... - Lecture Notes in Computer Science, 1994 - Springer
... which were not ideal but satisfactory to support the BETEL teletutoring **application**.
UDP/IP were used to transport real-time **audio** and **video** data, without ...
[Cited by 16](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)

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G Coulson, GS Blair, N Davies, N Williams - Computer Networks and ISDN Systems, 1992 - Citeseer
... it is necessary to provide an interface whereby an **application** dependent set ... join
a **video** conference by setting up a number of **video** and **audio** connections. ...

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Use of the internet to enhance construction communication: total information transfer system

CM Tam - International Journal of Project Management, 1999 - Elsevier
... The Web enables users to share text, graphics, **audio** and **video** through 'pages ... Hence,
its **application** to the construction industry of Hong Kong is a treasure ...

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Networked multimedia: The medusa environment

S Wray, T Glauert, A Hopper - IEEE MultiMedia Magazine, 1994 - doi.ieeecomputersociety.org
... However, these have little in common with our work on ATM networked **video** and **audio**,
with its emphasis on low latency **applications** with many parallel ...

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S Rudkin, A Grace, MW Whybray - BT Technology Journal, 1997 - Springer
... The real-time streaming protocol (RTSP) [34] is an **application** protocol under ... for
control of delivery from streaming servers such as **audio** or **video** servers. ...

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... load, they distribute the **video** processing **applications** across a cluster ... The **video**
itself is distributed using the X Window System, and **audio** is distributed ...

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Integrating wireless sensor networks with the grid- [psu.edu](#) [PDF]

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... has accelerated the pace of graphical **application** development by ... ACM SIGGRAPH **Video**
Review, Volume 27, 1987. ... he was leader of the Desktop **Audio** Project at an ...

Cited by 23 - Related articles - View as HTML - All 2 versions

A paradigm shift in the distribution of multimedia

G Parr, K Curran, 2000 - portal.acm.org
... on the source data stream, for example, **audio** (microphone), **video** (camcorder) or ...
result is separate streams from the same **application** are multicast ...

Cited by 22 - Related articles - BL Direct - All 2 versions

[PDF] [Multimedia applications and their implications on database architectures](#)

W Klas, K Aberer · Advanced Course on Multimedia Databases in ... · Citeseer

... of documents including text, images, **audio**, **video** and data ... Progress in **integrat**- ing network technology and multimedia ... example from this **application** domain is a ...

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C Perkins, 2006 · books.google.com

... reservation through both the **Integrated** Ser- vices ... different from those of a webcasting **application**. ... Internet that affect **audio/video** transport: • Chapter 1 ...

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G Couison, GS Blair, JB Stefani, F Horn, L ... · Computer Networks and ISDN Systems, 1995 · Elsevier

... interfaces and stream bindings allows **application** transparent QoS ... To achieve continuous synchronisation between associated **audio** and **video** presentations, a ...

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[A Service Kernel for Multimedia Endstations-](#) [psu.edu](#) [PDF]

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... This service maps the **application** QoS parameters onto **audio**/visual descriptions and ... In our current implementation, a motion **video** file is used for ...

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[PDF] [Evaluating object DBMSs for multimedia](#)

P Pazandak, J Srivastava · TC, 1995 · Citeseer

... support for multimedia data, the next generation of **applications** will demand a ... for temporal (or "continuous") data types, including **audio** and **video**. ...

[Cited by 30](#) · [Related articles](#) · [View as HTML](#) · [BL Direct](#) · [All 6 versions](#)

[Live streaming video for medical education: a laboratory model](#)

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... 28.8 (Dial-up modem) 24.0 11.3 0 No **video** image rendered ... **Audio**: 10 kbps, 11 kHz. ... C.

An overview of videostreaming on the Internet and its **applications** to surgi ...

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[Net. Speech: desktop audio comes to the net](#)

L. Press, 1995 · portal.acm.org

... **Audio** mixing: adding 8 channels of stereo **audio** at 22k samples/sec. ... ProShare **video** conferencing: encoding/decoding and display of a 160 x ... CPU Load **Application** ...

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